

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number  
**WO 2005/080967 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/48**,  
33/53

(21) International Application Number:  
PCT/SE2005/000203

(22) International Filing Date: 16 February 2005 (16.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0400403-2 20 February 2004 (20.02.2004) SE

(71) Applicant and

(72) Inventor: **ANDERSSON, Karl** [SE/SE]; Ulleråkersvägen  
62, S-756 43 Uppsala (SE).

(74) Agent: **DR. LUDWIG BRANN PATENTBYRÅ AB**;  
P.O. Box 1344, S-751 43 Uppsala (SE).

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

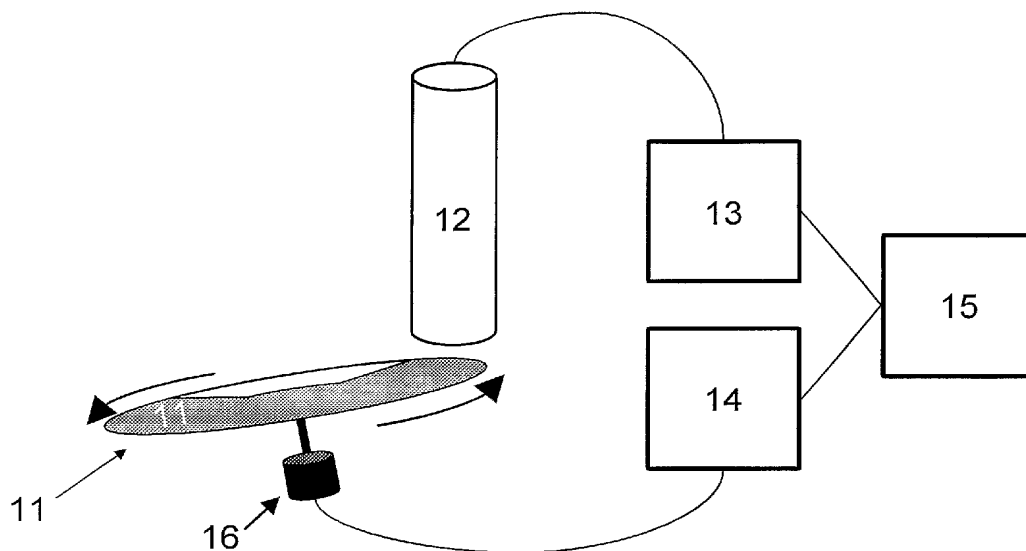
(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

(48) Date of publication of this corrected version:  
3 November 2005

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR THE CHARACTERIZATION OF INTERACTIONS BETWEEN DIFFERENT SPECIES



(57) Abstract: The invention relates to a device for detecting interactions between species in liquid and species on a solid support. It comprises a solid support (11), a mechanism (16) for temporarily reducing the amount of a liquid to which said support is exposed, a detector (12) capable of detecting an interaction between species attached to the solid support, and species contained in said liquid. The invention also relates to a method comprising attaching a first species on a solid support, exposing said first species to a liquid containing a second species, performing a measurement, capable of detecting an interaction between said first and said second species, and a reference measurement. The liquid is temporarily removed during the measurement.

WO 2005/080967 A1



**(15) Information about Correction:**

see PCT Gazette No. 44/2005 of 3 November 2005, Section II

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*